DECLARATION OF LAWRENCE R. WEILL

I, Lawrence R. Weill declare as follows:

1. I am a mathematician. I received a Ph.D. in mathematics from the University of Idaho in 1972. I am currently Professor of Mathematics Emeritus at California State University, Fullerton, California; and I was on the faculty for 24 years specializing in functional analysis and optimization theory. I have extensive experience outside the University including:

Developed nonlinear A/D conversion techniques to increase antijamming capability of GPS receivers;

Investigated the use of high-resolution Doppler measurement of GPS signals to provide high-accuracy differential range measurements and improved accuracy of absolute range measurements obtained from Kalman tracking filters;

Currently developing proof-of-concept prototype GPS P(Y)-code multipath mitigation technology;

Served as an expert witness in GPS patent litigation;

Providing consulting services as Chief Scientist in a Japanese R&D effort to develop new assisted GPS technology to be embedded in cellular telephones;

Was a technical founder of Magellan Systems Corp. and worked on numerous GPS-related projects.

2. I am qualified to determine the level of skill of a person of ordinary skill in the art that is the subject of the patent application discussed below.

3. I have reviewed the patent application serial number 10/086,230 and the Office Action dated July 11, 2005 and the RESPONSE TO OFFICE ACTION filed in response to the Office Action and I understand that this declaration will be filed with the response.

4. Upon my review it is clear that in the description in paragraph 72, the term, ϵ^B is inconsistent with the term later used in paragraph 94, ϵ^C. The appropriate correction is to change the term ϵ^B in paragraph 72 to ϵ^C. This error and the correction would be apparent to a person of ordinary skill in the art because there is no term ϵ^B in the calculations and the context clearly proposes that the correction is for clock C.

5. Upon my review it is clear that in claim 7 the reference to "stage 2, at clock B" should be changed to "stage 2, at clock C". This error and the correction would be apparent

to a person of ordinary skill in the art because the concept is based on stage two calculations being made at clock B and this is recited clearly in the specification such as from paragraph 85 on.

6. My review also indicates that the following changes would either help in reading and understanding the matter or correct typographical errors:

In Figure 2 there should be text under the clock A box which is the same as that under the clock C box except that every occurrence of the letter "C" should be replaced by "A", this change will help in understanding;

In Figure 3 the labels "Figure 5a" and "Figure 5b" on the two plots should be changed to "Figure 3a" and "Figure 3b";

In Figure 3b, t_2^A should be changed to t_2^C, this change will correct a typographical error that would be apparent to a person of ordinary skill in the art because the specification at paragraph 87 recites that "clock C receives the signal broadcast from clock B and records the time t_2^C" which is indicated in the plot of Figure 3b;

In paragraph 11 the phrase "clock is reset ascending to the correction" should be changed to "clock is reset according to the correction", which is an obvious typographical error.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Lawrence R. Weill   9/16/05

Lawrence R. Weill   Date